



JPC-172

Dual-Body Rear View Camera

Vehicle camera system for trucks, buses and commercial vehicles

Dual-chamber design

IP69K waterproof and dustproof

Alloy connector

Automatic IR-CUT

Shenzhen Jifuan Intelligent Technology Co., Ltd.

Building 9, West District, Zhangge Community, Fucheng Street,
Longhua District, Shenzhen, China

*OEM & ODM welcome - custom logo, packaging, connectors,
cable length and firmware available on request.*

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Key Features & Specifications

KEY FEATURES

- **Dual-chamber design:** the lens and the LED board sit in two separate chambers
- IR light cannot bounce back into the lens glass, so night pictures have no glare or white-out
- Split chambers keep LED heat away from the sensor and let the housing dissipate heat faster
- Daylight cannot leak from the lamp chamber into the lens - backlight pictures stay clean
- IP69K waterproof and dustproof: high-pressure washing, mud and dust are no problem
- Zinc-nickel coated body resists salt spray, mud and road salt far better than ordinary plating

TECHNICAL SPECIFICATION

DSP Chipset	FH8536H + GC2053 (2053 + 8536H)
Video Output	AHD / CVBS selectable, PAL & NTSC
Connector	4-pin aviation (RCA optional)
Power Supply	DC 12V standard (8-15V working range)
Housing	Metal housing, sealed against water and dust

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Metal housing with anti-tamper screws - impact resistant and hard to remove
- **Alloy connector:** metal plug, durable and corrosion resistant
- 8 x surface-mount LED night vision for even illumination without hot spots
- 0 Lux minimum illumination with IR on - clear view of the rear in total darkness
- **Automatic IR-CUT:** colour by day, black and white by night, no manual switching
- Optional built-in heater defrosts and demists the lens in cold climates

ORDERING NOTES

- **Video system:** confirm AHD 720P / 1080P or CVBS, and PAL / NTSC before ordering.
- **Image mode:** confirm mirror or non-mirror image, and whether parking guide lines are required.
- **Connector:** confirm 4-pin aviation or RCA, plus cable length (standard 0.3-0.5 m pigtail; 1 m / 5 m / 10 m available) and pinout for your harness.
- Lens angle and mounting position: confirm the required angle and where the camera is fitted (side / rear / front / cabin).
- **Voltage:** confirm your vehicle system - 12V and 24V versions are both available.
- Quantity, packing (colour box / neutral box) and printing or logo requirements.
- **Mounting bracket:** confirm the bracket type and screw thread your vehicle needs.
- Default specification has no parking guide lines. Other angles, NTSC or mirror versions must be confirmed in advance.

USAGE & PRECAUTIONS

- Check the supply voltage and polarity before connecting power; wrong wiring can damage the camera.
- Keep the waterproof connector tight and seal the joint; do not cut or extend the pigtail.
- Route the cable away from heat sources, sharp edges and moving parts, and secure it with clips.
- Clean the lens and the IR window with a soft cloth only; avoid high-pressure washing directly at the lens or connector.
- Do not open the sealed housing - doing so voids the waterproof rating and the warranty.
- A dirty lens or IR window reduces night image quality, so check them during regular maintenance.

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Product Views & Applications



TYPICAL APPLICATIONS

Passenger Cars

Taxis & Ride-Hailing

Vans & Light Commercial

Parking Assistance

CUSTOMISATION AVAILABLE

- **Video system:** AHD 720P / 1080P or CVBS, PAL & NTSC - confirmed per order.
- **Connector:** 4-pin aviation / RCA / waterproof plug, with matching cable.
- **Cable length and pinout:** standard pigtail; 1 m / 5 m / 10 m or custom.
- **Image mode:** mirror or non-mirror image, with or without parking lines.
- **Branding:** neutral or customer-branded packaging.